



Company ROANE OIL & GAS CO.

Address CLENDENIN, W. VA.

Well Name SOPHIA SAMPLES

Tract Acres 77¾ Lease No. _____

Well (Farm) No. 3 Serial No. _____

Elevation (Spirit Level) 961'

Quadrangle WALTON

County KANAWHA District BIG SANDY

Engineer PAUL E. JOACHIM

Engineer's Registration No. 669

File No. 76-69 Drawing No. _____

Scale 1" = 400'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. KAN 475 A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

SOPHIA SAMPLES No. 3 - ROANE O. & G. CO. - KAN-475-A



1248

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 475-A

Oil or ~~Gas~~ Well _____
(KIND)

Company Roane Oil & Gas Company
Address Clendenin, W. Va.
Farm Sophia Samples Acres 105
Location (waters) _____
Well No. 3 Elev. 961
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced August 2, 1920
Drilling completed September 18, 1920
Date Shot 1920 From 2122 To 2124
With 20 qts.

Open Flow 18/10ths Water in 2 Inch
_____/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 1 bbl. 24 hrs. before shot bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>Lead</u>
16			Rubber
13			Size of <u>2.0</u>
10	<u>27'</u>	<u>27'</u>	Depth set <u>1778</u>
8 1/4	<u>485'</u>	<u>Pulled</u>	Perf. top <u>13 1/2'</u>
6 5/8	<u>1821'</u>	<u>1821'</u>	Perf. bottom _____
5 3/16	<u>1973'</u>	<u>1973'</u>	Perf. top _____
3			Perf. bottom _____
2		<u>2/36</u>	
Liners Used			

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor				None			
Big Dunkard sand			375	500			
Salt sand			1220	1560			
Maxton sand			1580	1735	Water	1260	Hole full
Big Lime			1765	1893			
Pencil cave				None			
Big Injun Sand			1893	1938			
Gas			1898	1913			
Weir			2122	2139			
Oil			2122	2134			Show
Total Depth				2156			

